

Amendments to the Claims:

Please amend the claims as indicated hereafter. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An isolated electrical network, comprising:
 - at least one first power generator coupled to a wind turbine to produce electrical power;
 - a second generator coupled to an internal combustion engine;
 - a direct current (dc) bus bar ~~for feeding to feed the generated energy~~electrical power into a de-an ac (alternating current) network;
 - a dc device ~~connected-coupled~~ to the dc bus bar ~~for detecting to detect the electrical power~~required in the de-ac network;
 - at least one intermediate storage device ~~for storing to store electrical energy power~~coupled to the first power generator; and
 - a controller operable to; control electrical power provided by the wind turbine that is delivered to the ac network in response to the required electrical power in the ~~de-ac~~ network being less than the electrical power generated by the first power generator, control the electrical power provided by the intermediate storage device that is delivered to the ac network ~~first control power provided by the wind turbine that is delivered to the de-network;~~ in response to the required electrical power in the ~~de-ac~~ network being greater than the electrical power generated by the first power generator, ~~second control power provided by the electrical intermediate storage device that is delivered to the de-network;~~ and control electrical power provided by the second generator coupled to the internal combustion engine that is delivered to the ac network in response to the detected electrical power required in the ~~de-ac~~ network being greater than the electrical power generated by the first power generator and provided by the ~~electrical~~

intermediate storage device, ~~third control power provided by the second generator coupled to the internal combustion engine that is delivered to the dc network.~~

2. (Currently Amended) The isolated electrical network according to claim 1 wherein the first power generator ~~comprises~~includes:
a synchronous generator; and
a converter with a dc voltage intermediate circuit ~~with~~having at least one first rectifier and an inverter.

3. (Currently Amended) The isolated electrical network according to claim 1 wherein the ~~electrical~~-intermediate storage device ~~comprises~~includes:
at least one electrical element ~~connected~~coupled to the a dc voltage intermediate circuit ~~for feeding electrical energy with dc voltage.~~

4. (Currently Amended) The isolated electrical network according to claim 3 wherein the electrical element ~~comprises~~includes at least one selected from a group consisting of a photovoltaic element, a mechanical energy storage device, an electrochemical storage device, a capacitor, and a chemical storage device.

5. (Currently Amended) The isolated electrical network according to claim 1, further comprising:
a flywheel, ~~which can be coupled to~~ at least one of the second generator or and a third generator.

6. (Currently Amended) The isolated electrical network according to claim 1, further comprising:
a plurality of internal combustion engines wherein each of the plurality of internal combustion engines is operable to be coupled to a generator.

7. (Canceled)

8. (Previously Presented) The isolated electrical network according to claim 3, further comprising:

a boost/buck converter coupled between the electrical element and the dc voltage intermediate circuit.

9. (Currently Amended) The isolated electrical network according to claim 2, further comprising:

charging/discharging circuits coupled between ~~the~~the intermediate storage device~~electrical storage element~~ and the dc voltage intermediate circuit.

10. (Currently Amended) The isolated electrical network according to claim 1, further comprising:

a flywheel coupled to a generator and a downstream rectifier ~~for supplying to~~supply electrical energy into the isolated electrical network.

11. (Currently Amended) The isolated electrical network according to claim 1, further comprising:

at least one additional power generator coupled to a corresponding renewable energy source;

wherein ~~all each~~ of the ~~power generators~~first power generator, the second generator and the additional power generator is operable to using-use renewable energy sources, ~~and the at least one~~ intermediate storage devices operable to power a common dc voltage intermediate circuit.

12. (Currently Amended) The isolated electrical network according to claim 2, wherein the inverter ~~comprises~~includes:

a network-commutated inverter.

13. (Currently Amended) The isolated electrical network according to claim 1, further comprising:

an electromagnetic coupling operable to couple the second generator and the internal combustion engine, wherein ~~the energy for to operating-operate~~ the electromagnetic coupling is made available by an electrical storage device and/or by a primary power generator.

14. (Currently Amended) The isolated electrical network according to claim 1, further comprising:

a seawater desalination/service water generation plant ~~connected to the isolated electrical network~~, wherein the generation plant generates service water and drinking water only when in response to the electrical power supplied by the first power generator ~~is being~~ greater than ~~the power consumption of the other electrical loads connected-coupled~~ to the isolated electrical network.

15. (Currently Amended) The isolated electrical network according to claim 1, further comprising:

a pump storage device operable to receive electrical energy from the first power generator when the electrical power supplied by the first power generator is greater than ~~the~~ power consumption of ~~the other electrical loads connected-coupled~~ to the isolated electrical network.

16. (Currently Amended) The isolated electrical network according to claim 1 ~~further comprising wherein the second generator comprises:~~

a synchronous generator ~~is-operable~~ as a network generator, wherein the synchronous generator operates in a motor mode with energy required from the first power generator.

17. (Currently Amended) The isolated network according to claim 16 wherein the synchronous generator is ~~connected-coupled~~ to the internal combustion engine, and

wherein the synchronous generator is deactivated when the electrical power of the first power generator is greater than or approximately the same as ~~the~~ electrical power consumption in the isolated electrical network.

18. (Canceled)

19. (Currently Amended) A method for operation control of an isolated electrical network, the method comprising:

detecting electrical power required in ~~a direct current (dc)-an alternating current (ac)~~ network with a dc device ~~connected-coupled~~ to a dc bus bar;

generating electrical power with at least one first generator electrically coupled to the dc bus bar and driven by at least one wind-power station;

~~first sourcing-coupling the dc-ac network with the at least one first generator driven by the at least one wind-power station~~ when-if consumption of the electrical power in the ~~dc-ac~~ network is less than ~~the-an~~ electrical energy generation capacity of the wind-power station;

~~second sourcing-coupling the dc-ac network with the at least one first generator driven by the at least one wind-power station and at least one electrical intermediate storage device~~ when-if consumption of the electrical power in the ~~dc-ac~~ network is less than the generated electrical power of the first generator and a stored energy capacity of the electrical intermediate storage device; and

~~third sourcing-coupling the dc-ac network with the at least one first generator driven by the at least one wind-power station,~~ with the at least one electrical intermediate storage device, and with at least one second generator driven by at least one internal combustion engine ~~when-if~~ consumption of the electrical power in the ~~dc-ac~~ network is greater than the generated electrical power of the first generator and ~~the~~ provided power of the electrical intermediate storage device.

20. (Canceled)

21. (Currently Amended) The method according to claim 19, ~~characterized further comprising operating in that the~~ at least one internal combustion engines are provided for to driving-drive the at least one second generator; ~~and the internal combustion engines are turned on only when if the power delivered by the power generators using renewable energy sources and the provided power of the~~ at least one electrical intermediate storage devices falls below a predetermined-defined threshold for a predetermined-defined period of time.

22. (Currently Amended) The method according to claim 19, further comprising:

charging the at least one electrical intermediate storage device from the at least one wind-power station when more energy is generated by the at least one wind-power station than is required for ~~the a~~ load on the isolated electrical network.

23. (Currently Amended) The method according to claim 19, further comprising:

delivering energy from the electrical intermediate storage device to overcome frequency instabilities or deviations in the isolated electrical network power frequency from ~~its a~~ desired value.

24. (Canceled)

25. (Currently Amended) The isolated electrical network according to claim 1, ~~further comprising; wherein the second generator comprises:~~

a synchronous generator ~~used-to serve~~ as a network generator for a network-commutated inverter ~~for feeding to feed~~ an alternating current into the isolated electrical network, the synchronous generator operable to works in motor operation and a drive of the synchronous generator ~~is realized-realizable~~ by providing at least one of energy from a flywheel and ~~by~~ electrical energy from a renewable-energy power generator.

26. (Currently Amended) The isolated electrical network according to claim 1, ~~characterized in that for the case that~~wherein in response to the output electrical power of the first power generator is being greater than the a power of the a load required in the de-ac network, ~~initially~~ electrical energy of the first generator is supplied to the intermediate storage device if the intermediate storage device is not fully charged.

27. (Previously Presented) The isolated electrical network according to claim 1 wherein the first power generator is coupled to a wind-power station.

28. (Currently Amended) The isolated electrical network according to claim 27 wherein the wind-power station is controlled by at least one of a rotational speed of ~~a~~the wind turbine and a position of a blade.

29. (Previously Presented) The isolated electrical network according to claim 1 wherein the intermediate storage device is at least one of an accumulator block type and a battery storage device.

30. (New) The isolated electrical network of claim 12, further comprising a distributor coupled to an output side of the network-commutated inverter.

31. (New) The isolated electrical network of claim 1, further comprising a third generator coupled to an internal combustion engine.

32. (New) The isolated electrical network of claim 31, further comprising an electromagnetic coupling operable to couple the third generator to the internal combustion engine.

33. (New) The isolated electrical network of claim 31 wherein the third generator comprises a synchronous generator separated from the isolated electrical network via a switching device.

34. (New) The isolated electrical network of claim 1 wherein the at least one intermediate storage device includes a flywheel device.

35. (New) The isolated electrical network of claim 1 wherein the at least one intermediate storage device includes a capacitor.